


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

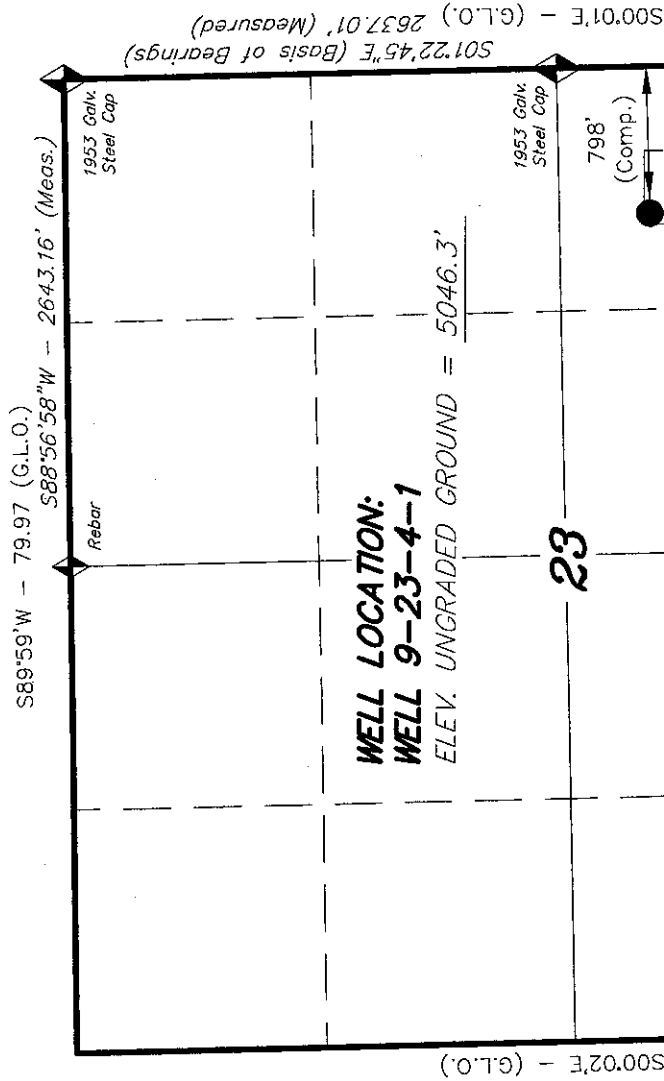
<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Hancock 9-23-4-1		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> MONUMENT BUTTE		
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY				<b>7. OPERATOR PHONE</b> 435 646-4825		
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052				<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Roland and Yvonne Oman				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 14340 South 3600 West , Bluffdale, UT 84065				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	2154 FSL 798 FEL	NESE	23	4.0 S	1.0 W	U
<b>Top of Uppermost Producing Zone</b>	2154 FSL 798 FEL	NESE	23	4.0 S	1.0 W	U
<b>At Total Depth</b>	2154 FSL 798 FEL	NESE	23	4.0 S	1.0 W	U
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 798		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1197		<b>26. PROPOSED DEPTH</b> MD: 6840 TVD: 6840		
<b>27. ELEVATION - GROUND LEVEL</b> 5046		<b>28. BOND NUMBER</b> B001834		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-7478		
<b>ATTACHMENTS</b>						
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Mandie Crozier		<b>TITLE</b> Regulatory Tech		<b>PHONE</b> 435 646-4825		
<b>SIGNATURE</b>		<b>DATE</b> 08/21/2009		<b>EMAIL</b> mcrozier@newfield.com		
<b>API NUMBER ASSIGNED</b> 43047506880000		<b>APPROVAL</b>  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6840		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6840	15.5			

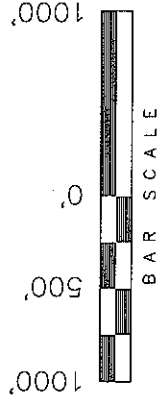
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	400		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	400	24.0			

# T4S, R1W, U.S.B.&M.

## NEWFIELD PRODUCTION COMPANY



WELL LOCATION, WELL 9-23-4-1, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 23, T4S, R1W, U.S.B.&M. UTAH COUNTY, UTAH.



### Note:

1. The Proposed Well head bears S57°21'36"W 933.67' from the East 1/4 Corner of Section 23.

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 18833  
STATE OF UTAH

## TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 7-23-09	SURVEYED BY: C.M.
DATE DRAWN: 7-28-09	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

WELL 9-23-4-1  
(Surface Location) NAD 83  
LATITUDE = 40° 07' 09.01"  
LONGITUDE = 109° 57' 25.07"

Handbook # 11-23

## SURFACE USE AGREEMENT

THIS AGREEMENT, made and entered into by and between Roland James Oman and Yvonne T. Oman Living Trust, parties of the first part, hereinafter collectively referred to as "Owner", of 14340 S 3600 W, Bluffdale, UT 84066, and Inland Production Company, party of the second part, hereinafter referred to as "Inland", of 475 - 17th Street, Suite 1500, Denver, Colorado 80202

### WITNESSETH:

WHEREAS, Owner is the owner in fee of all or a portion of the surface to the following described lands situated in Uintah County, Utah, to-wit:

Township 4 South, Range 1 West, 10E  
Section 23: E2SW4, SE4  
Section 26: Lots 1, 4

WHEREAS, the parties desire to settle their dispute on all claims for use of the surface and damage to crops arising from the drilling, completion and production activities and operations, and agree as to the measure of settlement for operations conducted by Inland on surface owned or controlled by Owner, above described, subject to the terms of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties agree as follows:

1. a). For wells located on Owner's land, prior to construction of any drillsite locations, and/or access roads upon the surface of land owned by Owner, Inland shall make a payment to Owner of One Thousand Five Hundred Dollars (\$1,500.00) per acre used by Inland for such drillsite locations and/or access roads. Such payment shall be for the use of the surface and damage to crops and shall cover the year in which such construction occurred. For each drillsite location on Owner's land the total acreage utilized by Inland, including access roads calculated at fifty feet (50') in width, shall not exceed five (5) acres, without written permission being obtained from Owner.

b). Following the year in which the well is drilled, on or before September 15 of each calendar year that Inland's operations continue, Inland shall pay to Owner a sum calculated at the rate of Six Hundred Forty Dollars (\$640.00) per acre for that acreage used by Inland as it pertains to the drillsite location at the wellhead and such land used as an access road. Additionally, in the event Inland constructs a compression station on Owner's land, Inland shall pay Owner Six Hundred Forty Dollars (\$640.00) per acre annually for that acreage used by Inland for said compression station.

2. For pipeline right-of-way construction in which a pipeline is laid through surface owned by Owner, Inland shall make a one-time payment of a sum calculated at a rate of Five Dollars (\$5.00) per running rod. When requested by Owner, pipelines shall be buried below plow depth and surface areas impacted by the construction shall be rehabilitated, including the reseeded of crop land.

3. Owner agrees that upon receipt of the payments provided for in this Agreement for any future wells that may be drilled on surface owned by Owner, Inland shall be released and discharged from any and all claims, demands and losses arising out of such future operations for crop damage, acreage out of cultivation, interruption or interference with agricultural improvements and other claims.

4. For payments to be made and received under this Agreement, Owner agrees to protect, indemnify and save Inland and its employees, agents and contractors free and harmless from and against any and all claims, demands and losses, including costs and attorneys fees, accrued or accruing to Owner, its employees and/or tenants arising directly or indirectly in connection with operations by Inland, its employees, agents and contractors.

Oman Living Trust  
Surface Use Agreement/Page 2

5. Following the completion of any well, Inland agrees to promptly clean up and maintain all areas of land continuing to be utilized in connection with oil and gas operations and to pay the cost of reclaiming and reseeding upon cessation of use.
6. Should it become necessary for Inland to cut any existing fence of Owner for construction of a road, Inland shall provide a locking metal gate and cattleguard at such point. Inland agrees to use its best efforts to keep any existing gates of Owner locked and closed during the ongoing course of its operations on Owner's lands, or where it may be necessary to cross Owner's lands.
7. In the event that it becomes necessary to keep Owner's livestock away from any well location, Inland shall, at Owner's request, construct a perimeter fence around such location. Additionally, for a drillsite location in the NE4SW4 of Section 23, T4S-R1W, due to the proximity of such location to Owner's dwelling and access road to said dwelling, Inland agrees to construct a fence, with a locking metal gate, to limit traffic from the drillsite location to Owner's dwelling. This fence may be part of the perimeter fence around said location.
8. Inland agrees to consult Owner regarding the exact location of any well located upon Owner's land. Whenever possible Inland shall move a location within the legal location tolerance dictated by the State of Utah to meet Owner's needs.
9. This Agreement shall be binding upon and shall be for the benefit of the successors and assigns of Owner and Inland whether assigned, devised, bequeathed or otherwise transferred in whole or part by either of the parties hereto. The conditions herein contained shall be covenants running with the land.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the  
30<sup>th</sup> day of January, 1998.

SURFACE OWNERS:

ROLAND JAMES OMAN AND YVONNE T. OMAN  
LIVING TRUST

Roland James Oman

Yvonne T Oman

INLAND PRODUCTION COMPANY

Chris A Potter  
Chris A Potter, Attorney-in-Fact

Surface Only  
Prospect/Unit name  
Lease NO. \_\_\_\_\_

NEWFIELD PRODUCTION COMPANY  
HANCOCK 9-23-4-1  
NE/SE SECTION 23, T4S, R1W  
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1,990'
Green River	1,990'
Wasatch	6,840'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,990' – 6,840'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 400' (New)  
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to  $\pm 350$  feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2010, and take approximately seven (7) days from spud to rig release.



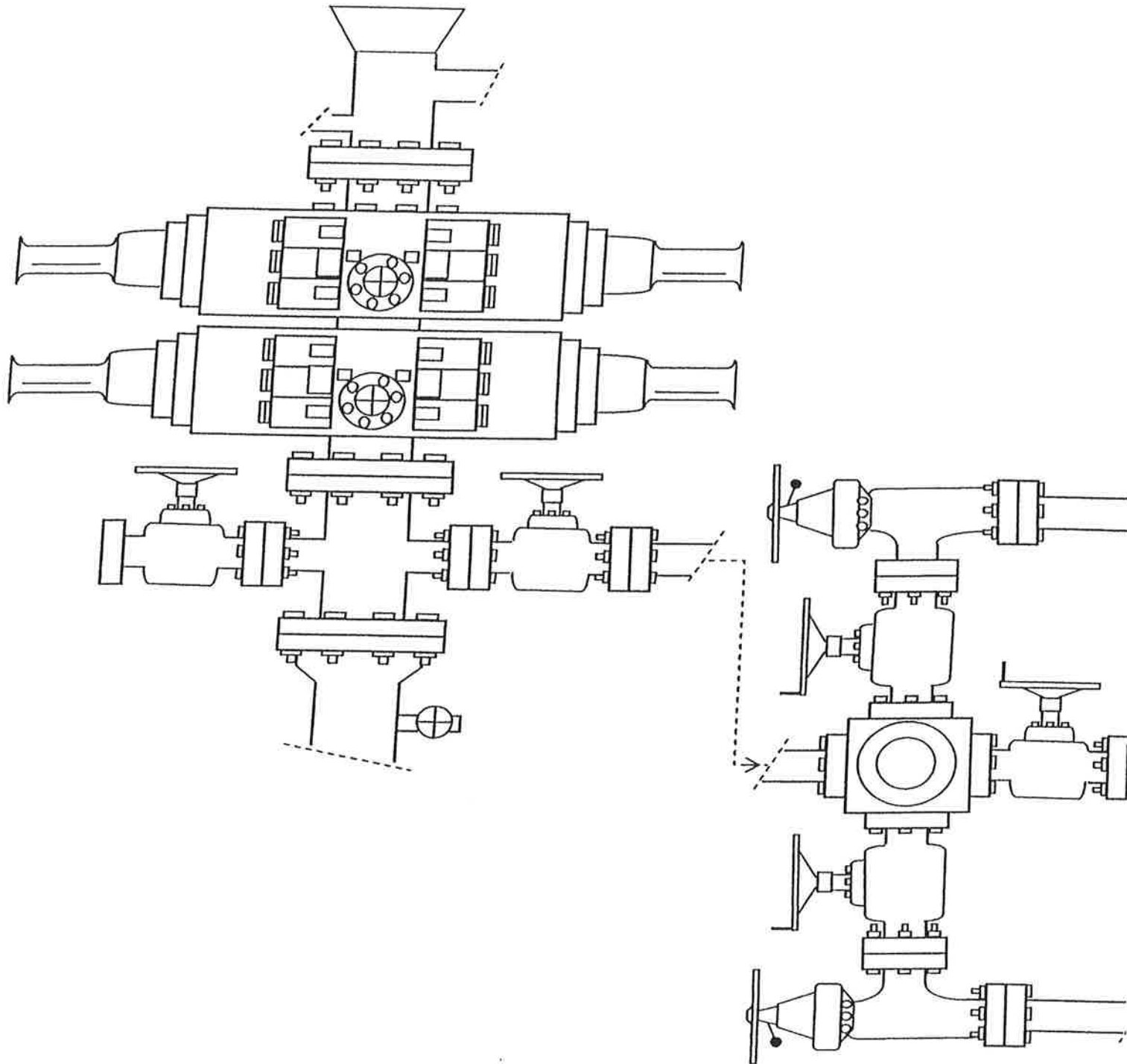
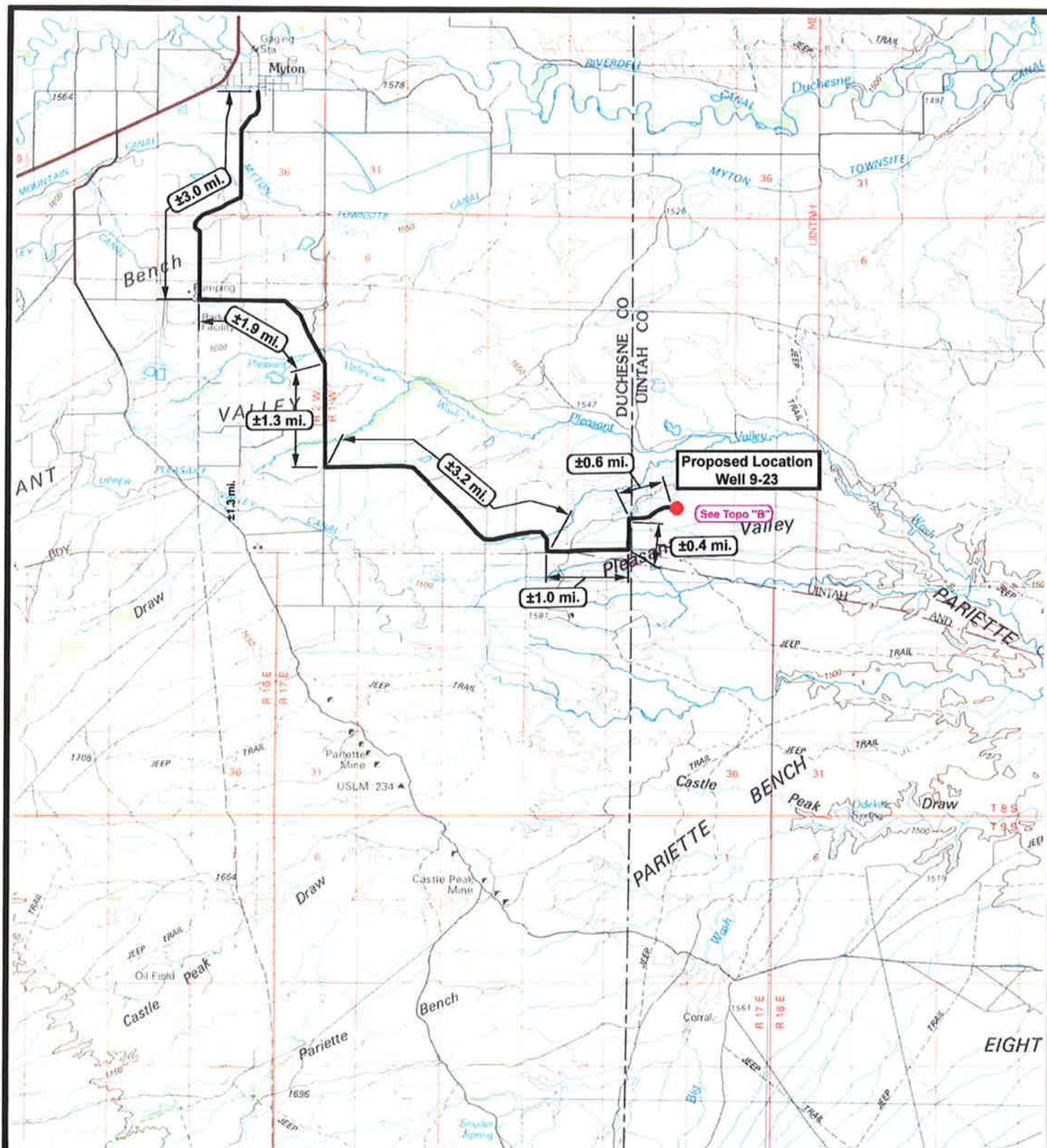


EXHIBIT C



**Well 9-23-4-1**  
**SEC. 23, T4S, R1W, U.S.B.&M.**



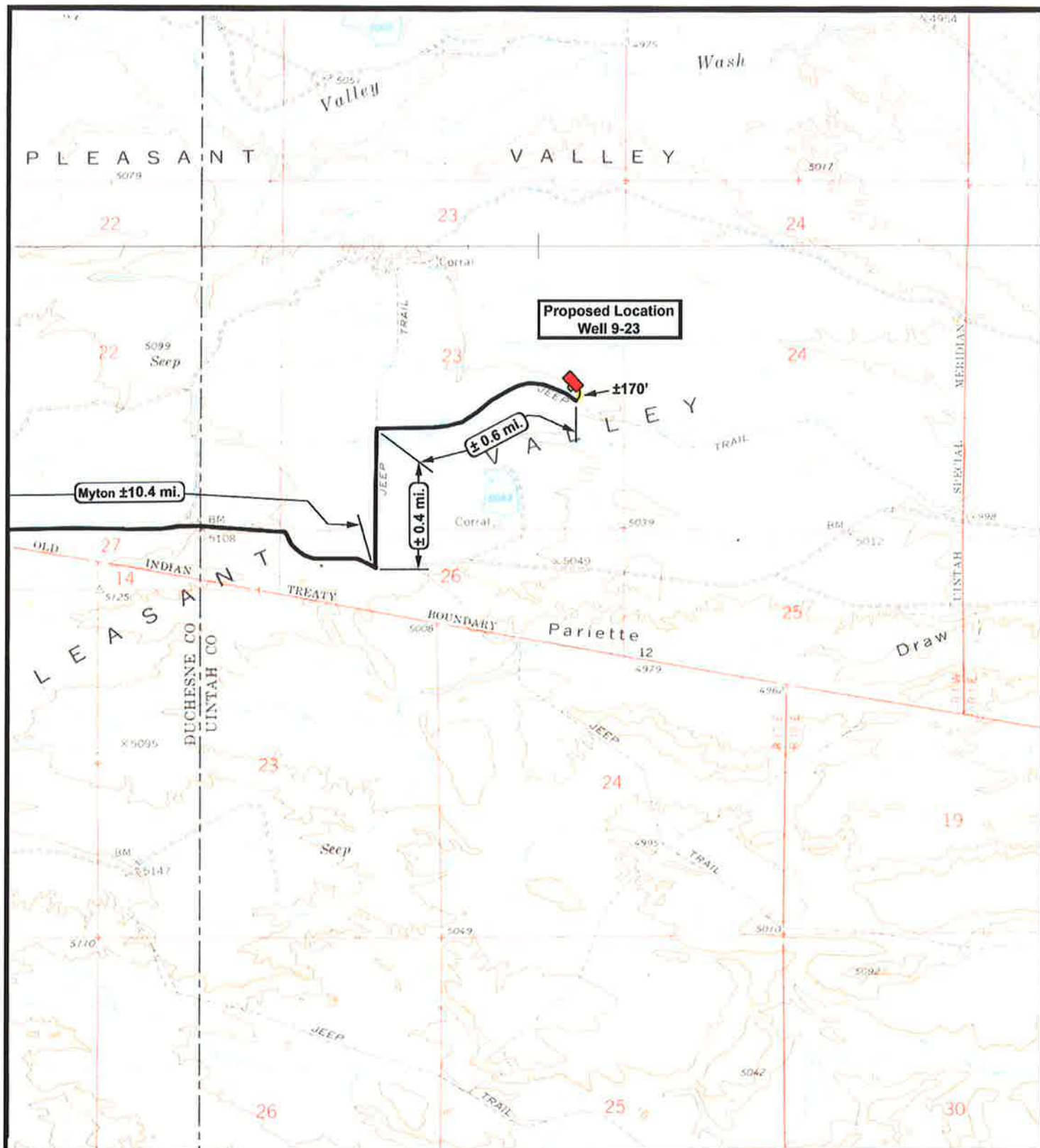
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078




**SCALE:** 1 = 100,000  
**DRAWN BY:** mw  
**DATE:** 07-28-2009

**Legend**  
Existing Road  
Proposed Access

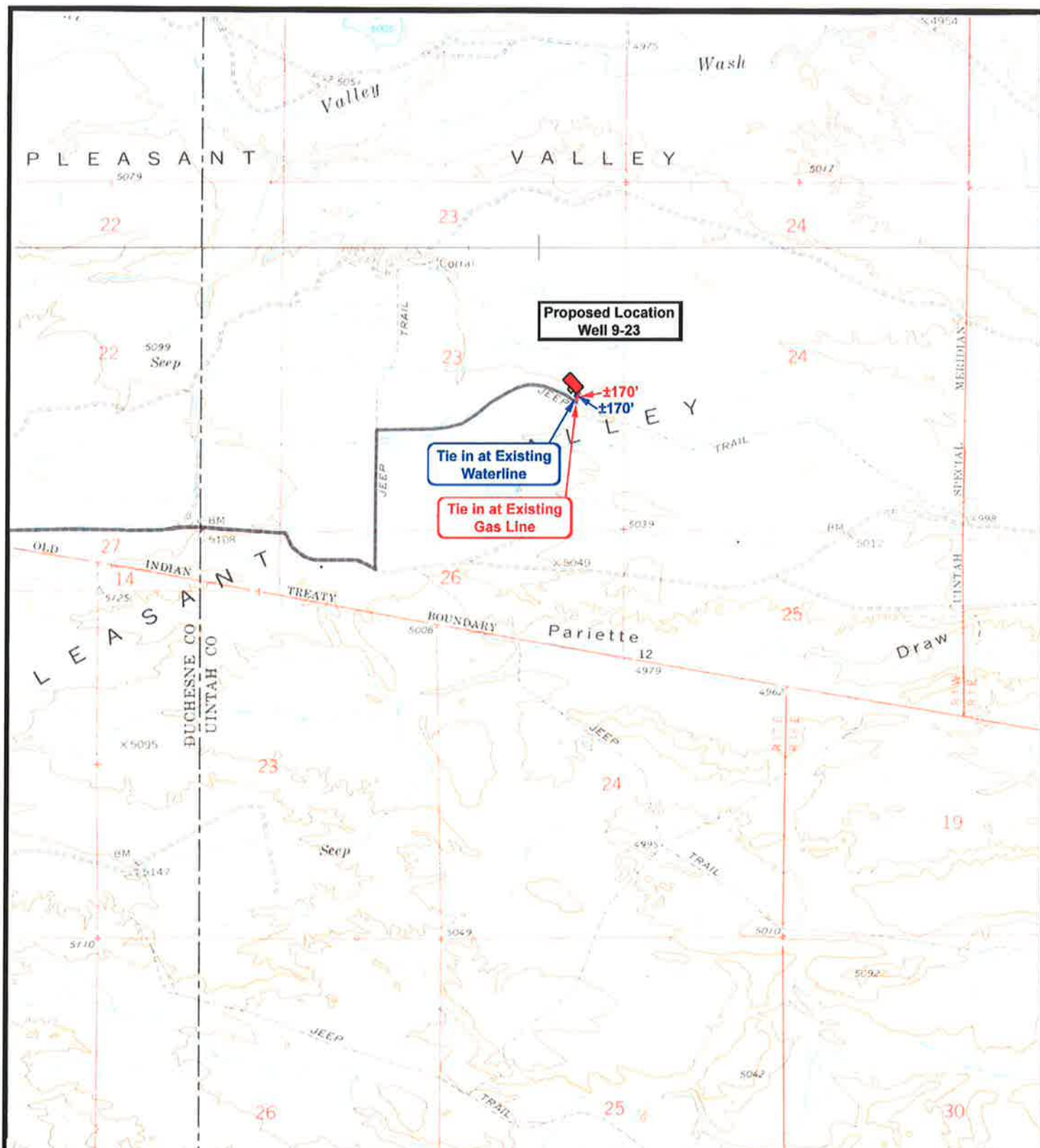
**TOPOGRAPHIC MAP**

**"A"**



 <p><b>NEWFIELD</b> Exploration Company</p>		 <p><b>Tri-State</b> Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p><b>Legend</b></p>
<p><b>Well 9-23-4-1</b> <b>SEC. 23, T4S, R1W, U.S.B.&amp;M.</b></p>		<p><b>SCALE: 1" = 2,000'</b> <b>DRAWN BY: mw</b> <b>DATE: 07-28-2009</b></p>	<p>Existing Road Proposed Access</p>
<p><b>TOPOGRAPHIC MAP</b> <b>"B"</b></p>			





**Well 9-23-4-1**  
**SEC. 23, T4S, R1W, U.S.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 07-28-2009**

**Legend**

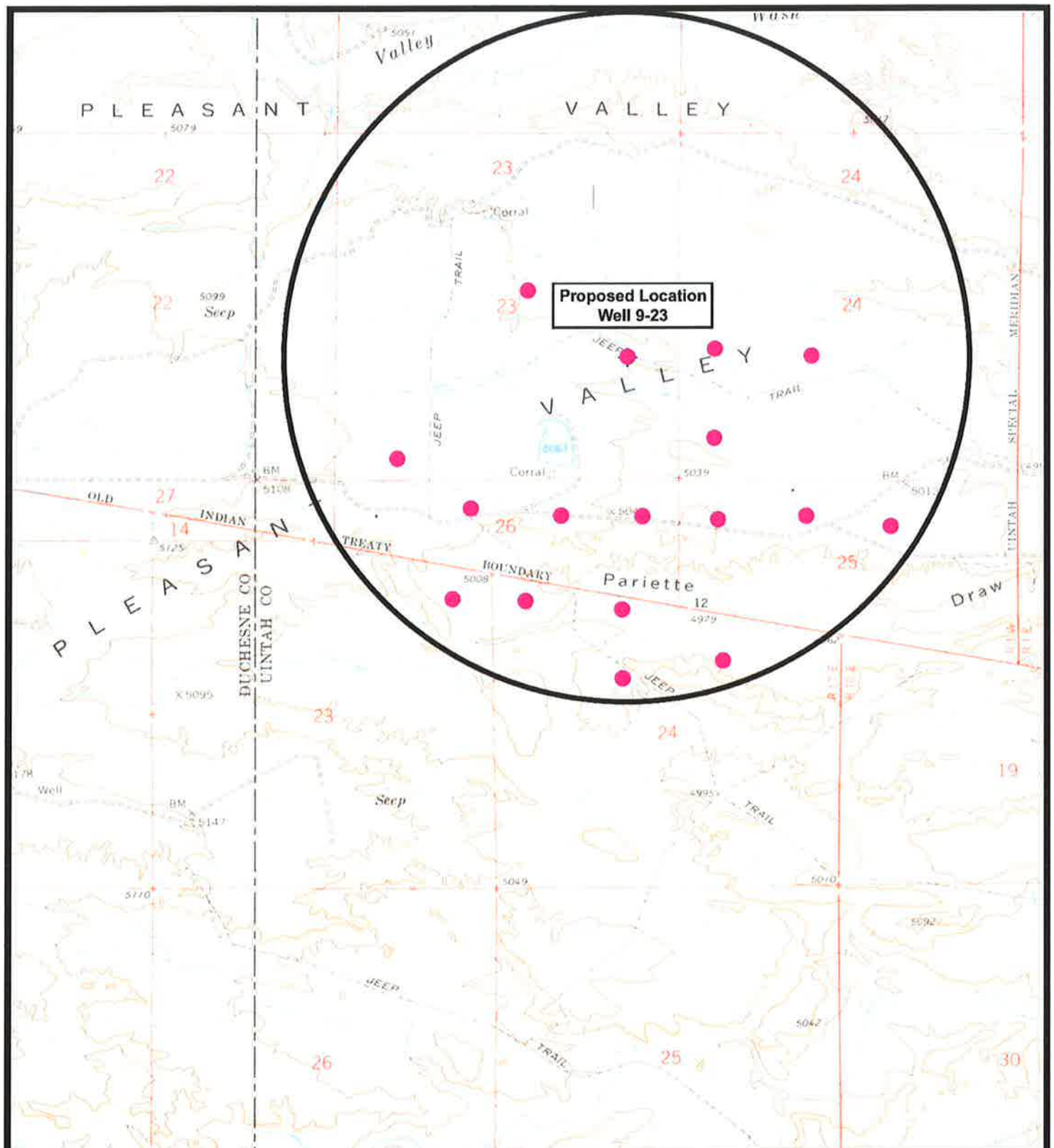
- Roads
- Proposed Gas Line
- Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**







**NEWFIELD**  
Exploration Company

**Well 9-23-4-1**  
**SEC. 23, T4S, R1W, U.S.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave., Vernal, Utah 84078

**SCALE: 1" = 2,000'**

**DRAWN BY: mw**

**DATE: 07-28-2009**

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

NEWFIELD PRODUCTION COMPANY  
HANCOCK 9-23-4-1  
NE/SE SECTION 23, T4S, R1W  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Hancock 9-23-4-1 located in the NE¼ SE¼ Section 23, T4S, R1W, S.L.B. & M., Uintah County, Utah:

Proceed in a southerly direction out of Myton, approximately 3.0 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed easterly approximately 1.0 miles to it's junction with an existing road to the north; proceed northerly approximately 0.4 miles to it's junction with an existing road to the east; proceed northeasterly approximately 0.6 miles to it's junction with the beginning of the proposed access road to the north; proceed along the proposed access road approximately 170' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 170' of access road is proposed. See attached **Topographic Map "B"**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling



fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Roland and Yvonne Oman  
See attached Easement ROW and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

**Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

**Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Hancock 9-23-4-1, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Hancock 9-23-4-1 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton  
Address: Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #9-23-4-1, NE/SE Section 23, T4S, R1W, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

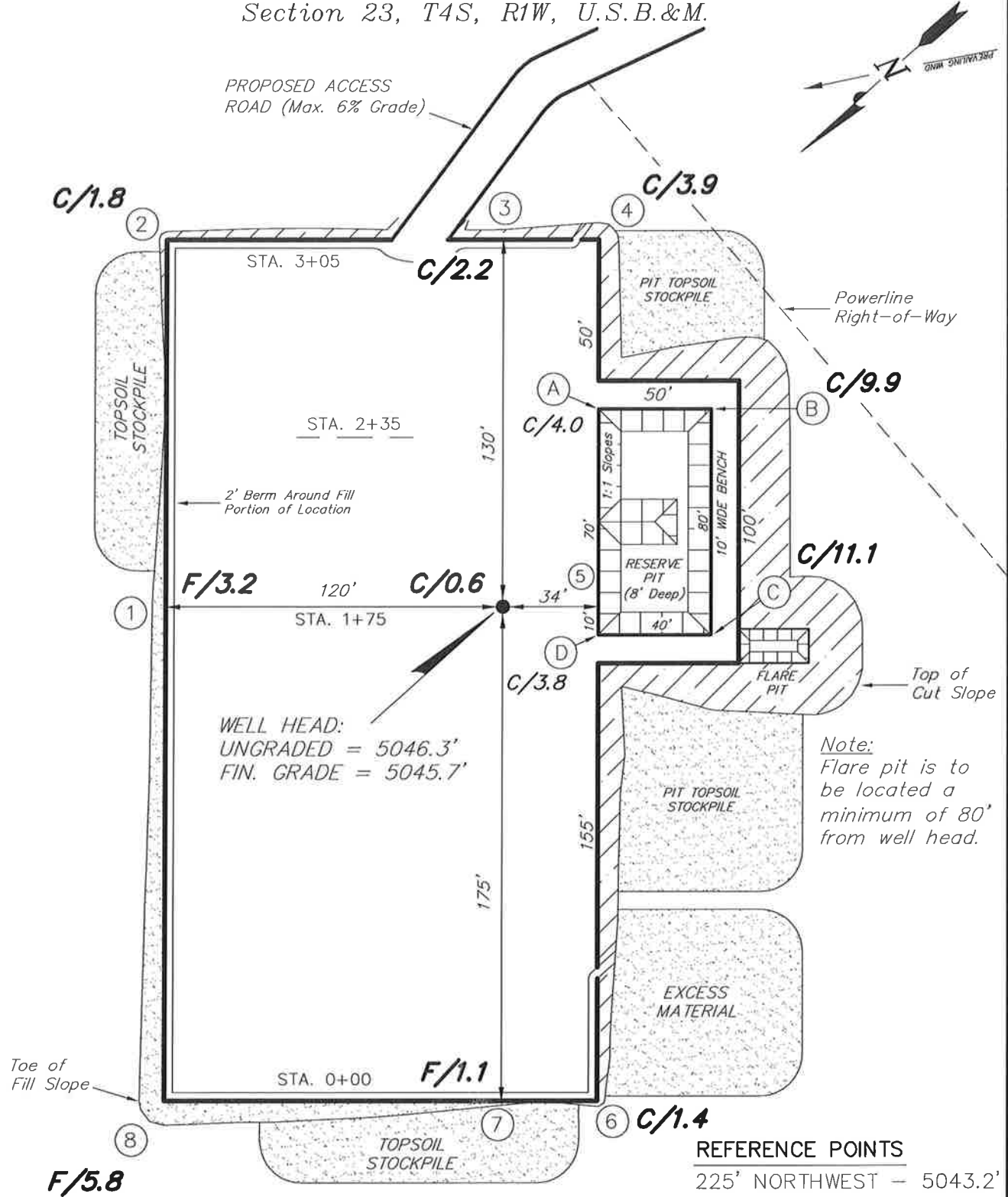
8/21/09  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

WELL 9-23-4-1

Section 23, T4S, R1W, U.S.B.&M.



## REFERENCE POINTS

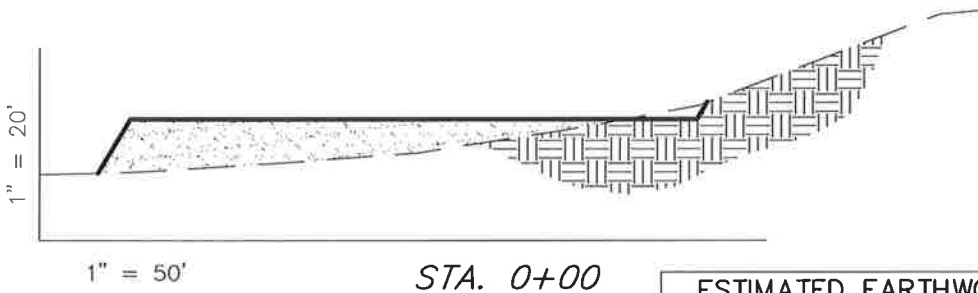
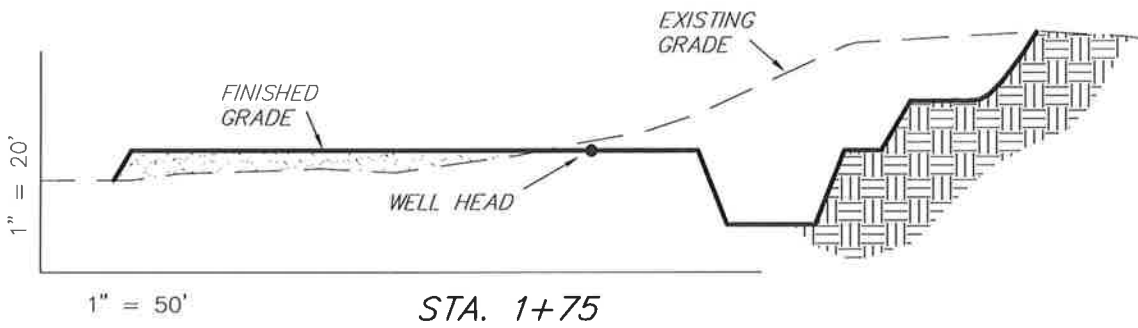
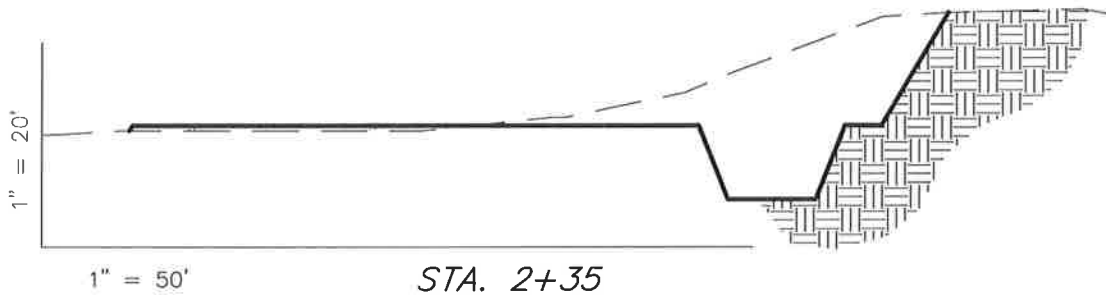
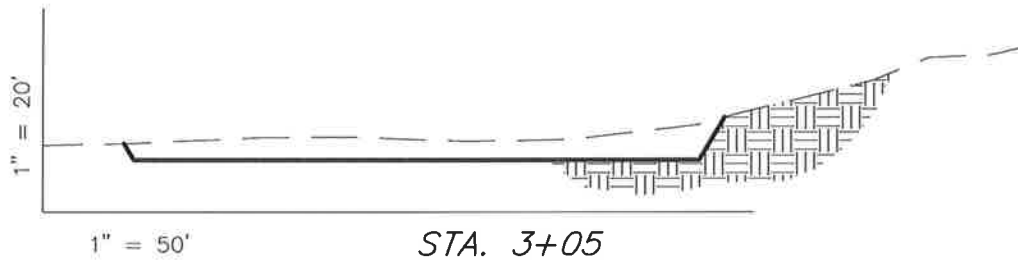
225' NORTHWEST	5043.2'
275' NORTHWEST	5042.6'
170' NORTHEAST	5042.3'
220' NORTHEAST	5041.7'

SURVEYED BY: C.M.	DATE SURVEYED: 7-23-09
DRAWN BY: M.W.	DATE DRAWN: 7-28-09
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS WELL 9-23-4-1



NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,250	3,250	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,890	3,250	1,130	640

SURVEYED BY: C.M.

DATE SURVEYED: 7-23-09

DRAWN BY: M.W.

DATE DRAWN: 7-28-09

SCALE: 1" = 50'

REVISED:

**Tri State**  
Land Surveying, Inc.

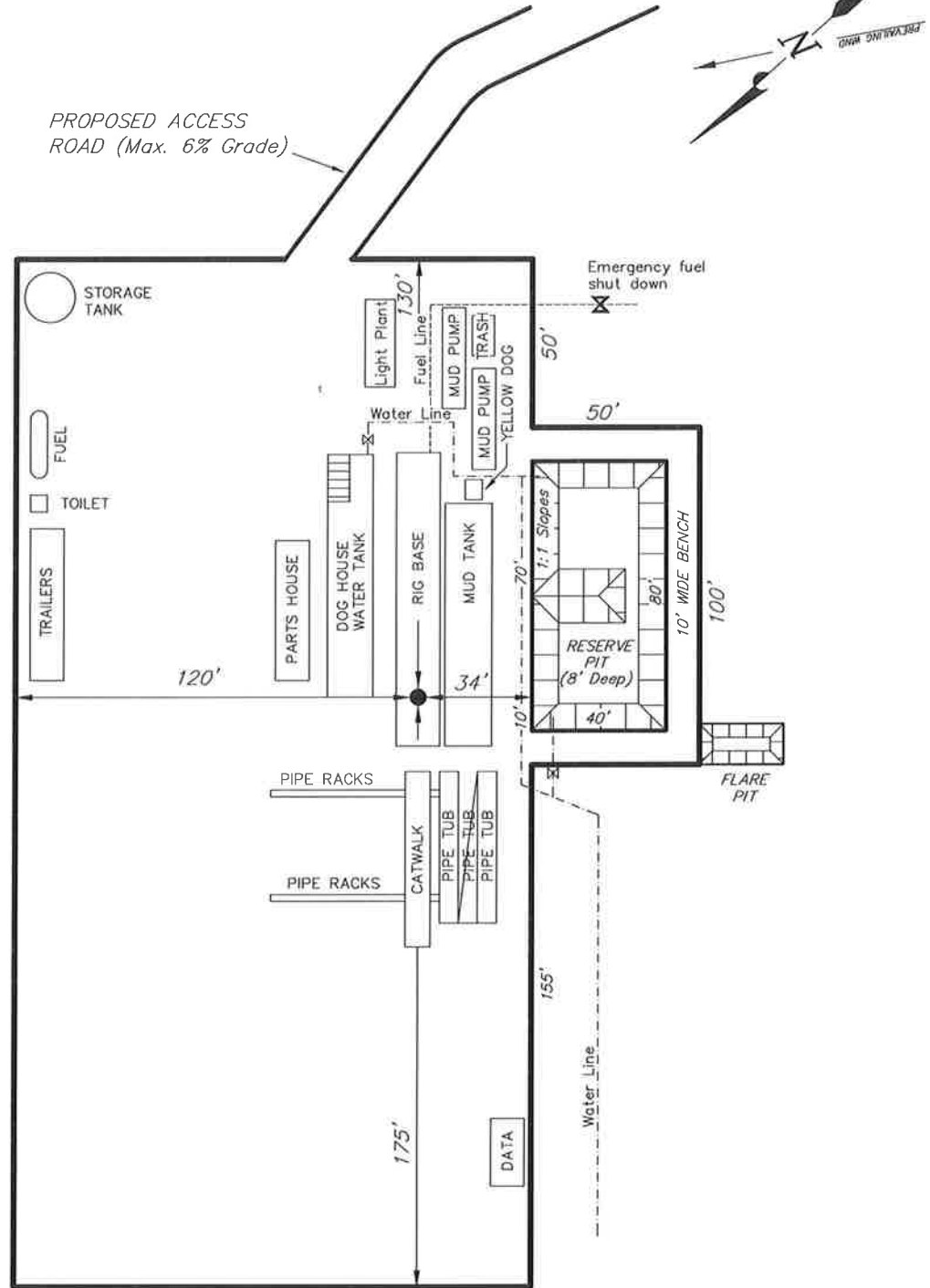
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WELL 9-23-4-1



SURVEYED BY: C.M.

DATE SURVEYED:

7-23-09

DRAWN BY: M.W.

DATE DRAWN:

7-28-09

SCALE: 1" = 50'

REVISED:

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**EXHIBIT D**

Township 4 South, Range 1 West

Section 23: E2SW4, SE4 (9-23-4-1, 10-23-4-1, 11-23-4-1, 14-23-4-1, 15-23-4-1, 16-23-4-1)

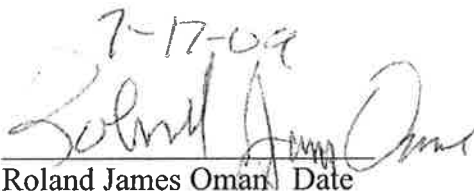
Section 26: Lots 1, 4 (1-26-4-1, 4-26-4-1)

Uintah County, Utah

**ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER**

For the above referenced locations; Roland James Oman and Yvonne T. Oman Living Trust, the Private Surface Owner. (Having a Surface Owner Agreement with Newfield Production Company)

Roland James Oman, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 1/30/98 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

7-17-09  
  
\_\_\_\_\_  
Roland James Oman Date  
Private Surface Owner

 7-20-09  
\_\_\_\_\_  
Brad Mechem Date  
Newfield Production Company





Well Name	NEWFIELD PRODUCTION COMPANY Hancock 9-23-4-1 43047506880000			
String	Surf	Prod		
Casing Size(in)	8.625	5.500		
Setting Depth (TVD)	400	6840		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.6		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2941	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	NO
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO      OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi    *Assumes 1psi/ft frac gradient

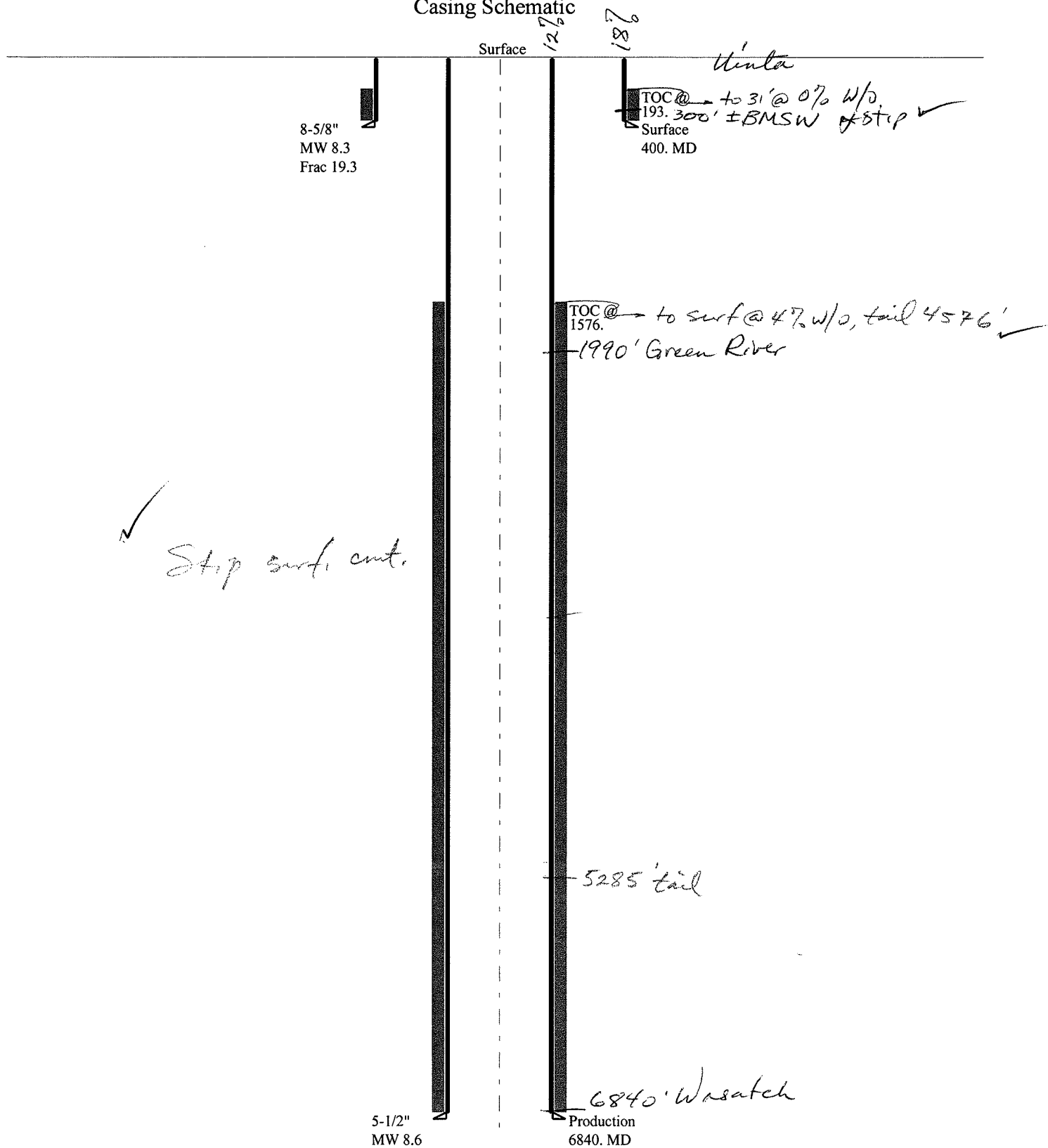
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3059	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2238	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1554	YES      OK
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1642	NO      Reasonable for area, note max allowed pressure
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi    *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi    *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi    *Assumes 1psi/ft frac gradient

# 43047506880000 Hancock 9-23-4-1

## Casing Schematic



Well name:	<b>43047506880000 Hancock 9-23-4-1</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Surface	Project ID:	43-047-50688
Location:	UINTAH	COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 80 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 193 ft

**Burst**

Max anticipated surface pressure: 131 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 179 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 350 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 400 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 179 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 400 ft  
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	179	2950	16.51	9.6	244	25.42 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: September 23, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43047506880000 Hancock 9-23-4-1</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Production	Project ID:	43-047-50688
Location:	UINTAH	COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.600 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 170 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 1,576 ft

**Burst**

Max anticipated surface pressure: 1,551 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 3,056 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

**Non-directional string.**

Tension is based on air weight.  
Neutral point: 5,950 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6840	5.5	15.50	J-55	LT&C	6840	6840	4.825	24152
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3056	4040	1.322	3056	4810	1.57	106	217	2.05 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: September 23, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 6840 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

<b>Operator</b>	NEWFIELD PRODUCTION COMPANY				
<b>Well Name</b>	Hancock 9-23-4-1				
<b>API Number</b>	43047506880000	<b>APD No</b>	1928	<b>Field/Unit</b>	MONUMENT BUTTE
<b>Location: 1/4,1/4</b>	NESE	<b>Sec</b>	23	<b>Tw</b>	4.0S
		<b>Rng</b>	1.0W	2154	FSL 798 FEL
<b>GPS Coord (UTM)</b>	588581	4441299	<b>Surface Owner</b>	Roland and Yvonne Oman	

### **Participants**

Floyd Bartlett (DOGM), Tim Eaton and Brian Foote (Newfield Production Co.), Roland Oman (Surface Owner), Cory Miller (Tri-State Land Surveying).

### **Regional/Local Setting & Topography**

The proposed location is approximately 11.8 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 13 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. One hundred and twenty feet of new construction across Oman's private land will be required to reach the location.

The proposed Hancock 9-23-4-1 oil well location is in Pleasant Valley immediately north of a County road and an overhead power line. Topography has a slight slope to the north leading away from a flat rise to the south. It slopes toward a flat in the bottom that has evidence of riparian vegetation. An irrigated cornfield is about 1/8 mile to the north. Light excavation from the south will be moved northerly to construct the pad. No drainages intersect the location and no diversions will be required. The site appears to be a suitable area for drilling and operating an oil well.

Mr. Roland Oman owns the surface of the location and attended the pre-site visit. He was involved with the pre-staking of the location and was agreeable to the proposal. A surface use agreement has been signed. The minerals are also FEE and owned by another party.

### **Surface Use Plan**

#### **Current Surface Use**

Wildlife Habitat

Recreational

#### **New Road Miles**

0.01

#### **Well Pad**

**Width** 204 **Length** 305

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

**Ancillary Facilities** N

### **Waste Management Plan Adequate?**

### **Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Vegetation consists greasewood, Indian ricegrass, prickly pear, Russian knapweed, Russian thistle, curly mesquite grass and annuals.

Deer, small mammals and birds.

#### Soil Type and Characteristics

Deep sandy gravely loam

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** N

**Berm Required?** Y

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

#### Reserve Pit

##### Site-Specific Factors

##### Site Ranking

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	300 to 1000	2
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	300 to 1320	10
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0

##### Affected Populations

<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>	42	1 Sensitivity Level

#### Characteristics / Requirements

The reserve pit will be 40' x 80' x 8' deep located in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16 mil liner.

**Closed Loop Mud Required?** N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

#### Other Observations / Comments

Floyd Bartlett  
Evaluator

8/28/2009  
Date / Time

# Application for Permit to Drill Statement of Basis

10/8/2009

## Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
1928	43047506880000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Roland and Yvonne Oman	
<b>Well Name</b>	Hancock 9-23-4-1		<b>Unit</b>		
<b>Field</b>	MONUMENT BUTTE		<b>Type of Work</b>	DRILL	
<b>Location</b>	NESE 23 4S 1W U 2154 FSL 798 FEL GPS Coord (UTM) 588925E 4441292N				

### Geologic Statement of Basis

Newfield proposes to set 400' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 300'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of Section 23. The well is over a mile southwest of the proposed location and is listed as domestic use. No depth is listed. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water.

Brad Hill  
**APD Evaluator**

9/3/2009  
**Date / Time**

### Surface Statement of Basis

The proposed location is approximately 11.8 road miles southwest of Myton, UT in a sub-drainage of Pleasant Valley Wash which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 13 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing oil field development roads. One hundred and twenty feet of new construction across Oman's private land will be required to reach the location.

The proposed Hancock 9-23-4-1 oil well location is in Pleasant Valley immediately north of a County road and an overhead power line. Topography has a slight slope to the north leading away from a flat rise to the south. It slopes toward a flat in the bottom that has evidence of riparian vegetation. An irrigated cornfield is about 1/8 mile to the north. Light excavation from the south will be moved northerly to construct the pad. No drainages intersect the location and no diversions will be required. The site appears to be a suitable area for drilling and operating an oil well.

Mr. Roland Oman owns the surface of the location and attended the pre-site visit. He was involved with the pre-staking of the location and was agreeable to the proposal. A surface use agreement has been signed. The minerals are also FEE and owned by another party.

Floyd Bartlett  
**Onsite Evaluator**

8/28/2009  
**Date / Time**

### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.



# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 8/21/2009

**API NO. ASSIGNED:** 43047506880000

**WELL NAME:** Hancock 9-23-4-1

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** NESE 23 040S 010W

**Permit Tech Review:** ☒

**SURFACE:** 2154 FSL 0798 FEL

**Engineering Review:** ☒

**BOTTOM:** 2154 FSL 0798 FEL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.11914

**LONGITUDE:** -109.95645

**UTM SURF EASTINGS:** 588925.00

**NORTHINGS:** 4441292.00

**FIELD NAME:** MONUMENT BUTTE

**LEASE TYPE:** 4 - Fee

**LEASE NUMBER:** Fee

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

☒ **PLAT**

☒ **Bond:** STATE/FEE - B001834

☐ **Potash**

☐ **Oil Shale 190-5**

☐ **Oil Shale 190-3**

☐ **Oil Shale 190-13**

☒ **Water Permit:** 43-7478

☐ **RDCC Review:**

☐ **Fee Surface Agreement**

☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

☐ **R649-2-3.**

**Unit:**

☐ **R649-3-2. General**

☐ **R649-3-3. Exception**

☒ **Drilling Unit**

**Board Cause No:** R649-3-2

**Effective Date:**

**Siting:**

☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:**  
5 - Statement of Basis - bhill  
23 - Spacing - dmason  
25 - Surface Casing - hmadonald



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Hancock 9-23-4-1  
**API Well Number:** 43047506880000  
**Lease Number:** Fee  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 10/13/2009

**Issued to:**

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

**Additional Approvals:**

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-942-0871 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**



Gil Hunt  
Associate Director, Oil & Gas

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 21 Submitted  
By Jim Smith Phone Number 823-  
2072

Well Name/Number Hancock 9-23-4-1

Qtr/Qtr NE/SE Section 23 Township 4S Range 1W

Lease Serial Number UTU FEE

API Number 43-047-50688

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 12/09/09 11:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒

Surface Casing

☐

Intermediate Casing

☐

Production Casing

☐

Liner

☐

Other

Date/Time 12/10/09 8:00 AM ☒ PM ☐

BOPE

☐

Initial BOPE test at surface casing point

☐

BOPE test at intermediate casing point

☐

30 day BOPE test

☐

Other

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	43-013-33975	ASHLEY FEDERAL R-15-9-15	NWSE	15	9S	15E	DUCHESNE	12/15/09	12/19/09
WELL 1 COMMENTS: GRRV GMBU											
A	99999	17434	43-013-50004	MOON 4-29-4-2	NWSE	29	4S	2W	DUCHESNE	12/9/09	12/22/09
WELL 2 COMMENTS: GRRV NENW											
A	99999	17435	43-013-50007	MOON 3-20-4-2	NWSE	20	4S	2W	DUCHESNE	12/06/09	12/22/09
WELL 3 COMMENTS: GRRV NWSW											
A	99999	17436	43-013-50153	UTE TRIBAL 15-23-4-3	SWSE	23	4S	3W	DUCHESNE	12/15/09	12/22/09
WELL 4 COMMENTS: GRRV											
A	99999	17437	43-047-50668	HANCOCK 10-23-4-1	NWSE	23	4S	1W	UINTAH	12/05/09	12/22/09
WELL 5 COMMENTS: GRRV											
A	99999	17438	43-047-50688	HANCOCK 9-23-4-1	NWSE	23	4S	1W	UINTAH	12/09/09	12/22/09
WELL 6 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

DEC 19 2009

DIV. OF OIL, GAS & MINING

Kim Swasey  
Signature  
Production Analyst  
Title  
Kim Swasey  
12/18/2009  
Date

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: HANCOCK 9-23-4-1
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 23, T4S, R1W		9. API NUMBER: 4304750688
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/17/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 12/10/09 MIRU Ross # 21. Spud well @ 8:00 AM. Drill 450' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24 # csgn. Set @ 453.68 KB. On 12/14/09 cement with 243 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Justin Crum

TITLE Drilling Foreman

SIGNATURE

DATE 12/17/2009

(This space for State use only)

RECEIVED

DEC 22 2009

DIV. OF OIL, GAS & MINING

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

8 5/8" CASING SET AT

LAST CASING      8 5/8"      SET AT

DATUM \_\_\_\_\_

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

TD DRILLER	450	LOGG	450
------------	-----	------	-----

HOLE SIZE 12 1/4"

OPERATOR **Newfield Exploration Company**

WELL HANCOCK 9-23-4-1

FIELD/PROSPECT MBU

CONTRACTOR & RIG # **Ross # 21**

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH				
1		92 well head					0.95				
9	8 5/8"	Casing	24	J-55	STC		397.23				
1	8 5/8"	Casing (Shoe jt.)	24	J-55	STC		44.6				
1	8 5/8"	Guide Shoe					0.9				
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			443.68			
TOTAL LENGTH OF STRING			443.68	10	LESS CUT OFF PIECE			2			
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG			12			
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH			453.68			
TOTAL			441.83	10	} COMPARE						
TOTAL CSG. DEL. (W/O THRDS)			441.83	10							
TIMING											
BEGIN RUN CSG.	Spud	8:00 AM	12/10/2009	GOOD CIRC THRU JOB					Yes		
CSG. IN HOLE		2:00 PM	12/10/2009	Bbls CMT CIRC TO SURFACE					4		
BEGIN CIRC		12:33 PM	12/14/2009	RECIPROCATED PIP					No		
BEGIN PUMP CMT		12:42 PM	12/14/2009								
BEGIN DSPL. CMT		12:59 PM	12/14/2009	BUMPED PLUG TO					159		
PLUG DOWN		1:08 PM	12/14/2009								

**RECEIVED**

DEC 22 2009

DIV. OF OIL, GAS & MINING

[illegible]

COMPANY REPRESENTATIVE

**Ryan Crum**

DATE 12/16/2009

RECEIVED

DEC 22 2009

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: HANCOCK 9-23-4-1
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4304750688
6. COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
7. STATE: UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 01/25/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 1/18/10 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 405'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6755'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 165 jt's of 5.5 J-55, 15.5# csgn. Set @ 6757.14' / KB. Cement with 310 sks cement mixed @ 11.0 ppg & 3.43 yld. The 420sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 20 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 4:30 AM on 1/24/10.

**RECEIVED**

**JAN 28 2010**

**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) <u>Jim Smith</u>	TITLE <u>Drilling Foreman</u>
SIGNATURE 	DATE <u>01/25/2010</u>

(This space for State use only)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6757.14

LAST CASING 8 5/8" SET AT 453.68  
 DATUM 12  
 DATUM TO CUT OFF CASING 12  
 DATUM TO BRADENHEAD FLANGE 12  
 TD DRILLER 6755 LOGC 6759  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Exploration Company  
 WELL HANCOCK 9-23-4-1  
 FIELD/PROSPECT MBU  
 CONTRACTOR & RIG # NDSI # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		guide shoe					A	0.6
1		float collar					A	0.65
1	5 1/2"	Landing jt		15.5	J-55	LTC	A	14
1	5 1/2"	Shoe jt		15.5	J-55	LTC	A	36.78
164	5 1/2"	csg		15.5	J-55	LTC	A	6707.11
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6759.14
TOTAL LENGTH OF STRING		6759.14		LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		205.63	5	CASING SET DEPTH				<b>6,757.14</b>
TOTAL		6949.52	5	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6949.52	170					
TIMING								
BEGIN RUN CSG.	Spud	3:30 PM	1/23/2010	GOOD CIRC THRU JOB <u>Yes</u>				
CSG. IN HOLE		8:00 PM	1/23/2010	Bbls CMT CIRC TO SURFACE <u>20</u>				
BEGIN CIRC		8:15 PM	1/23/2010	RECIPROCATED PIP <u>Yes</u>				
BEGIN PUMP CMT		10:35 PM	1/23/2010	BUMPED PLUG TO <u>2260</u>				
BEGIN DSPL. CMT		11:25 PM	1/23/2010					
PLUG DOWN		11:50 PM	1/23/2010					

[illegible]

COMPANY REPRESENTATIVE

**Jim Smith**

DATE 1/23/2010

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: HANCOCK 9-23-4-1
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 23, T4S, R1W		9. API NUMBER: 4304750688
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 02/14/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 02-14-10, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>02/16/2010</u>

(This space for State use only)

**RECEIVED**  
**FEB 18 2010**  
DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**HANCOCK 9-23-4-1****12/1/2009 To 4/28/2010****2/8/2010 Day: 1****Completion**

Rigless on 2/8/2010 - CBL & perforate 1st stage. SIWFN w/ 160 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6669' w/ TOC @ 120'. RIH w/ 3 1/8" ported guns & perforate CP2 sds @ 6356- 60' & CP1 sds @ 6322- 24', 6307- 09' w/ (19 gram, .49"EH, 16.82¢ pen. 120°) 3 spf for total of 24 shots. RD WLT & Hot Oiler. SIFN w/ 160 bbls BWTR.

**Daily Cost: \$0****Cumulative Cost: \$11,596****2/10/2010 Day: 2****Completion**

Rigless on 2/10/2010 - Frac & perforate 5 stages. Flowback well. - Stage #4 D2 sds. Set plug, perforate as shown in perforations tab. Pressured upto 4200 psi, Would not breakdown. Dump bail acid. Tagged sand @ 5511' (10' below bottom perf). Frac as shown in perforation & stimulation tab. 2049 BWTR. - Stage #1 CP2 & CP1 sds. RU Perforators LLC WLT, Crane & lubricator. RU BJ services. Pumped frac as shown in stimulation tab. 742 BWTR. - Stage #2 A1 sds. Set plug, perforate & frac as shown in perforation & stimulation tab. 1364 BWTR. - Stage #5 GB6 sds. Set plug, perforate & frac as shown in perforation & stimulation tab. Begin flowback on 20/64 choke @ 3 BPM. Flowed for 6 hrs & died. Rec. 864 BTF. SIWFN w/ 1496 BWTR. - Stage #3 C sds. Set plug, perforate & frac as shown in perforation & stimulation tab. 1762 BWTR.

**Daily Cost: \$0****Cumulative Cost: \$132,061****2/12/2010 Day: 3****Completion**

WWS #1 on 2/12/2010 - MIRu WWS#1. RU Perforator LLC & set kill plug @ 5000'. PU tbg & drill out 3 CBP's. Circulate well clean w/ EOT @ 5609'. SIWFN w/ 1436 - MIRU WWS#1. Hot oiler thawed out well. 550 psi on well. Try to bleed off pressure. Would not bleed off. Shut in well. Hot oiler pumped 10 bbls of wtr down csg. RU Perforators LLC WLT & lubricator. RIH w/ Weatherford 5 1/2" solid composite kill plug. Set plug @ 5000'. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, Bit sub & 2 7/8" J-55 tbg. Tagged kill plug @ 5000'. RU Nabors power swivel. RU plugs & circulate sand. Plug @ 5000', Drilled up in 12 mins. Tagged plug @ 5100', Drilled up in 23 mins, Tagged plug @ 5590', Drilled up in 15 mins. Circulate well w/ EOT @ 5609'. SIWFN w/ 1436 BWTR.

**Daily Cost: \$0****Cumulative Cost: \$152,768****2/13/2010 Day: 4****Completion**

WWS #1 on 2/13/2010 - DU remaining CBP's. C/O to PBTD. Swab. C/O to PBTD. LD 9 jts. TOH w/ 140 jts of tbg. EOT @ 2018'. SIWFN w/ 1436 BWTR. - 200 psi on well. Hot oiler thawed out well. Bleed off pressure. Continue to drill out plugs. Tagged plug @ 5790' (Drilled up in 17 mins). Tagged plug @ 6050' (Drilled out in 23 mins). Tagged fill @ 6524'. C/O to PBTD @ 6713'. Circulate well clean. LD 2 jts of tbg. EOT @ 6650'. RU swab equipment. IFL @

surface. Made 12 runs. FFL @ 1000', No sand, Trace oil & lite gas. PU 2 jts of tbg. Tagged fill @ 6707'. C/O to PBTD @ 6713'. LD 9 jts of tbg. TOH w/ 140 jts of tbg. EOT @ 2018'. SIWFN w/ 1436 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$160,107

---

**2/14/2010 Day: 5**

**Completion**

WWS #1 on 2/14/2010 - Finish tripping for production tbg. PU new rod string. PWOP @ 5:30 PM w/ 120" SL @ 4 SPM. 1456 BWTR. - Hot oiler steamed & thawed out WH & BOP. 50 psi on well. Bleed off pressure. Continue to TOH w/ tbg. LD bit & bit sub. TIH w/ production tbg as follows: NC, 2- jts, SN, 1- jt, TA, 201 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 18,000#'s of tension @ 6347'. NU WH. Flush tbg w/ 60 bbls of wtr. PU & prime rod pump. PU & RIH w/ rod string as follows: Central hydraulic's 2 1/2" X 1 1/2" X 20' RHAC, 6- 1 1/2" wt bars, 20- 3/4" guided rods, 129- 3/4" plain rods, 100- 7/8 guided rods (4 per), 1 1/2" X 26' polish rod. Hang head & space out rods. Pressure test to 800 psi. RDMO. PWOP @ 5:30 PM w/ 120" SL @ 4 SPM. 1456 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$190,875

---

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

3. Address  
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)  
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 2154' FSL & 798' FEL (NE/SE) SEC. 23, T4S, R1W

At top prod. interval reported below

At total depth 6755'

14. Date Spudded  
12/10/2009

15. Date T.D. Reached  
01/24/2010

16. Date Completed 02/13/2010  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5046' GL 5058' KB

18. Total Depth: MD 6755'  
TVD

19. Plug Back T.D.: MD 6713'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	454'		243 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6757'		310 PRIMLITE		120'	
						420 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6446'	TA @ 6347'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			CP2 & CP1 - 6307-6360'	.36"	3	24
B) GREEN RIVER			A1 - 5952-5987'	.36"	3	27
C) GREEN RIVER			C - 5683-5710'	.36"	3	21
D) GREEN RIVER			D2 - 5499-5511'	.36"	3	15

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6307-6360'	Frac w/ 60122# of 20/40 sand 358 bbls Lightning 17 fluid (CP1 & CP2)
5952-5987'	Frac w/ 70264#s 20/40 sand in 439 bbls of Lightning 17 fluid. (A1)
5683-5710'	Frac w/ 34854#s 20/40 sand in 225 bbls of Lightning 17 fluid. (C)
5499-5511'	Frac w/ 15044#s 20/40 sand in 122 bbls of Lightning 17 fluid. (D2)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2-13-10	2-28-10	24	→	150	78	20			2-1/2" x 1-1/2" x 17' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

RECEIVED

MAR 11 2010

DIV. OF OIL, GAS & MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4427' 4611'
				GARDEN GULCH 2 POINT 3	4732' 5027'
				X MRKR Y MRKR	5243' 5277'
				DOUGALS CREEK MRK BI CARBONATE MRK	5419' 5721'
				B LIMESTON MRK CASTLE PEAK	5834' 6223'
				BASAL CARBONATE	6649'

## 32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB6) 5020-5023' .36" 3/9 Frac w/ 14720#s of 20/40 sand in 126 bbls of Lightning 17 fluid

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
☒ Other: Drilling Daily Activity

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Lucy Chavez-NaupotoDate 03/09/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Daily Activity Report**

Format For Sundry

**HANCOCK 9-23-4-1****11/1/2009 To 3/28/2010****HANCOCK 9-23-4-1****Waiting on Cement****Date:** 12/16/2009

Ross #21 at 450. Days Since Spud - 12/14/09 cement w/ BJ 243 sacks .25# sk cello flake. Returned 4bbls of cement to pit. - Bumped plug wit 149 psi. - 12/10/09 MIRU Ross # 21 spud at 8:00 AM. Drill to 450'. Trip out and run 10 jts 8 5/8" 24# J-55 - casing set at 453.68 - Notify State and BLM by email

**Daily Cost:** \$0**Cumulative Cost:** \$72,720

---

**HANCOCK 9-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 1/17/2010

NDSI #1 at 450. 0 Days Since Spud - Rig down move to the Hancock 9-23-4-1

**Daily Cost:** \$0**Cumulative Cost:** \$75,070

---

**HANCOCK 9-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 1/19/2010

NDSI #1 at 1284. 1 Days Since Spud - Move to the Hancock 9-23-4-1 and rig up equipment - Rig up B & C and test kelly, safety valve, pipe & Blinds choke to 2000# , casing to 1500# - Drill 7 7/8" hole with fresh water to a depth of 631' - Survey @ 582' = .5 degrees, install rotating head rubber and drive bushings - Drill 7 7/8" hole with fresh water to a depth of 1284' - No H2S or flow in last 24 hours - Pick up BHA , work on kelly spinners, tag @ 405'

**Daily Cost:** \$0**Cumulative Cost:** \$106,848

---

**HANCOCK 9-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 1/20/2010

NDSI #1 at 3036. 2 Days Since Spud - Survey @ 2584' 1° - Drill 7 7/8" hole with fresh water to a depth of 2661' - Rig service function test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to a depth of 2067' - Survey @ 1552' .5° - no flow - Drill 7 7/8" hole with fresh water to a depth of 1629' - Drill 7 7/8" hole with fresh water to a depth of 3036'

**Daily Cost:** \$0**Cumulative Cost:** \$122,475

---

**HANCOCK 9-23-4-1****Drill 7 7/8" hole with fresh water****Date:** 1/21/2010

NDSI #1 at 4320. 3 Days Since Spud - Rig service function test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to a depth of 4320' - Survey @ 4086' 2.5° - no flow - Drill 7 7/8" hole with fresh water to a depth of 4163' - Survey @ 4086' 2.75° - No flow - Drill 7 7/8" hole with fresh water to a depth of 3661' - Drill 7 7/8" hole with fresh water to a depth of 3505'

**Daily Cost:** \$0**Cumulative Cost:** \$154,430

---

**HANCOCK 9-23-4-1****Drill 7 7/8" hole with fresh water**

**Date:** 1/22/2010

NDSI #1 at 5511. 4 Days Since Spud - Survey @ 4588' 1.75° - Drill 7 7/8" hole with fresh water to a depth of 5166' - Drill 7 7/8" hole with fresh water to a depth of 4665' - Rig service function test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to a depth of 5511' - Survey @ 4588' 3°

**Daily Cost:** \$0**Cumulative Cost:** \$168,235

---

**HANCOCK 9-23-4-1****Lay Down Drill Pipe/BHA****Date:** 1/23/2010

NDSI #1 at 6755. 5 Days Since Spud - Survey @ 5592' 2° - Drill 7 7/8" hole with fresh water to a depth of 5823' - Rig service function test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to a depth of 6755' TD - No flow - Circulate for logs - Lay down DP - Drill 7 7/8" hole with fresh water to a depth of 5667'

**Daily Cost:** \$0**Cumulative Cost:** \$182,040

---

**HANCOCK 9-23-4-1****Wait on Completion****Date:** 1/24/2010

NDSI #1 at 6755. 6 Days Since Spud - Clean mud tanks - Nipple down set 5.5 csg slips w/110,000# tension - Mixed @ 14.4 ppg yeild @ 1.24 return 20 bbls to pit bump plug - yield @ 3.54 Then tail of 420 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Circulate csg - Release rig @ 4:30 am on 1/24/10 - R/U BJ Pump 310 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' loggers TD 6759' - R/U B&C Quicktest and test csg rams @ 2000 psi - R/U QTI csg run 165jt 5.5 15.5# j-55 LTC-tag -GS set @ 6757.14' KB -FC set @ 6720.36' KB - Lay down DP & BHA **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$309,591

---

**Pertinent Files: Go to File List**